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DATE: January 28, 2005

Please deliver the following page(s) to:

Name: U.S. Patent and Trademark Office

Facsimile Number: 703/872-9306

Our Client No.: 4366-49

Your Ref.: Serial No. 09/921,832 filed 08-03-2001

Total Number of Pages, including this cover page: 13

Sender's Name: Douglas W. Swartz

MESSAGE:

Please see the attached (1) Fifth Supplemental Information Disclosure Statement, (2) PTO-1449, and (3) copy of non-patent reference to be filed in connection with the above-referenced patent application.

PLEASE CONFIRM RECEIPT

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Appl. No.	: 09/921,832	CERTIFICATE OF FACSIMILE TRANSMISSION I HEREBY CERTIFY THAT THIS PAPER IS BEING FACSIMILE TRANSMITTED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE TO (703) 872-9306 ON 1/28/05. SHERIDAN ROSS P.C. BY:
Applicant	: HONG et al.	
Filed:	: August 3, 2001	
TC/A.U.	: 2143	
Examiner:	: SHIN, KYUNG H.	
Docket No.	: 4366-49	
Customer No.	: 48500	
Title:	: "NON-INTRUSIVE MULTIPLEXED TRANSACTION PERSISTENCY IN SECURE COMMERCE ENVIRONMENTS"	

Mail Stop Amendment
 Commissioner for Patents
 P.O. Box 1450
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FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

The references cited on attached Form PTO-1449 are being called to the attention of the Examiner.

- Copies of the cited non-patent, unpublished patent application, and/or foreign references are enclosed herewith.
- Copies of the cited U.S. patents/patent application publications are not enclosed in accordance with the waivers dated July 11, 2003 and October 19, 2004, whereby patent applications filed, regardless of the filing date, need not submit copies of U.S. patents and U.S. patent application publications.
- Copies of the cited references are not enclosed, in accordance with 37 C.F.R. 1.98(d), because the references were cited by or submitted to the U.S. Patent and Trademark Office in prior application Serial No. _____ filed _____, which is relied upon for an earlier filing date under 35 U.S.C. § 120.
- To the best of applicants' belief, the pertinence of the foreign-language references are believed to be summarized in the attached English abstracts and in the figures, although applicants do not necessarily vouch for the accuracy of the translation.
- Examiner's attention is drawn to the following co-pending applications:
 Serial No. _____ filed _____
 Other: _____

Submission of the above information is not intended as an admission that any item is citable under the statutes or rules to support a rejection, that any item disclosed represents analogous art, or that those skilled in the art would refer to or recognize the pertinence of any reference without the benefit of hindsight, nor should an inference be drawn as to the pertinence of the references based on the order in which they are presented. Submission of this statement should not be taken as an indication that a search has been conducted, or that no better art exists.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application and the references made of record therein.

FEES

<input type="checkbox"/>	<p>37 CFR 1.97(b): No fee is believed due in connection with this submission, because the information disclosure statement submitted herewith is satisfies one of the following conditions ("X" indicates satisfaction):</p> <ul style="list-style-type: none"> <input type="checkbox"/> Within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d), or <input type="checkbox"/> Within three months of the date of entry into the national stage of an international application as set forth in 37 CFR 1.491 or <input type="checkbox"/> Before the mailing date of a first Office Action on the merits, or <input type="checkbox"/> Before the mailing of a first Office action after the filing of a request for continued examination under 37 CFR 1.114. <p>Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Avaya Inc. Deposit Account 50-1602.</p>
<input checked="" type="checkbox"/>	<p>37 CFR 1.97(c): The information disclosure statement transmitted herewith is being filed after all the above conditions (37 CFR 1.97(b)), but before the mailing date of one of the following conditions:</p> <ol style="list-style-type: none"> (1) a final action under 37 C.F.R. 1.113 or (2) a notice of allowance under 37 C.F.R. 1.311, or (3) an action that otherwise closes prosecution in the application. <p>This Information Disclosure Statement is accompanied by:</p> <p><input checked="" type="checkbox"/> A Certification (below) as specified by 37 C.F.R. 1.97(e). Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Avaya Inc. Deposit Account 50-1602.</p> <p style="text-align: center;">OR</p> <p><input type="checkbox"/> Please charge Avaya Inc. Deposit Account 50-1602 in the amount of \$180.00 for the fee set forth in 37 C.F.R. 1.17(p) for submission of an information disclosure statement. Please credit any overpayment or charge any underpayment to Avaya Inc. Deposit Account 50-1602.</p>
<input type="checkbox"/>	<p>37 CFR 1.97(d): This Information Disclosure Statement is being submitted after the period specified in 37 CFR 1.97(c).</p> <ul style="list-style-type: none"> <input type="checkbox"/> This information Disclosure Statement includes a Certification (below) as specified by 37 C.F.R. 1.97(e) <li style="text-align: center;">AND <input type="checkbox"/> Applicants hereby requests consideration of the reference(s) disclosed herein. Please charge Avaya Inc. Deposit Account 50-1602 in the amount of \$180.00 under 37 C.F.R. 1.17(p). Please credit any overpayment or charge any underpayment to Avaya Inc. Deposit Account 50-1602. Election to pay the fee should not be taken as an indication that applicant(s) cannot execute a certification.

Certification (37 C.F.R. 1.97(e))
(Applicable only if checked)

The undersigned certifies that:

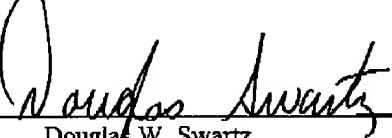
- Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. 1.97(e)(1).
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- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. 1.56(e) more than three months prior to the filing of this statement. 37 C.F.R. 1.97(e)(2).

Respectfully submitted,

SHERIDAN ROSS P.C.

By: 

Douglas W. Swartz

Registration No. 37,739

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Date: Jan. 28, 2005

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<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p>		<i>Complete if Known</i>	
		Application Number	09/921,832
		Filing Date	August 3, 2001
		First Named Inventor	HONG, Jack
		Art Unit	2143
Examiner Name	Shin, Kyung H.		
Sheet	1	of	1
		Attorney Docket Number	
		4366-49	

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)		
Examiner Initials*	Cite No. ¹	
	5.	Ross, Keith, "Hash-Routing for Collections of Shared Web Caches," November/December 1997 IEEE Network Magazine, pp. 37-44.

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference is considered, whether or not citation is in conformance and not considered. Include copy of this form with next communication to applicant.